

IN THE CLAIMS:

The text of all pending claims, (including withdrawn claims) is set forth below. Cancelled and not entered claims are indicated with claim number and status only. The claims as listed below show added text with underlining and deleted text with ~~striketrough~~. The status of each claim is indicated with one of (original), (currently amended), (cancelled), (withdrawn), (new), (previously presented), or (not entered).

Please CANCEL claims 6, 9 and 10 without prejudice or disclaimer of the subject matter therein and AMEND claims 1, 7 and 11 in accordance with the following:

1. (Currently Amended) A display device with a polysilicon substrate, comprising:
a display region;
a driving region;
a first plurality of thin film transistors in the display region;
a second plurality of thin film transistors in the driving region; and
primary crystal grain boundaries in the polysilicon substrate in the display region;
wherein the primary crystal grain boundaries are inclined to a first direction of current flowing from source to drain of each of the first plurality of thin film transistors at an angle of -30° to 30° and wherein the primary crystal grain boundaries are inclined to a second direction of current flowing from source to drain of each of the second plurality of thin film transistors at an angle of 30° to 150°.
2. (Original) The display device according to claim 1, wherein the primary crystal grain boundaries are parallel to the first direction of current.
3. (Original) The display device according to claim 2, wherein a first number of the primary crystal grain boundaries exist in active channel regions of each of the first plurality of thin film transistors.
4. (Original) The display device according to claim 1, wherein the display device is an organic electroluminescent display device.
5. (Original) The display device according to claim 1, wherein the polysilicon substrate is fabricated by an SLS (sequential lateral solidification) method.

6. (Cancelled)
7. (Currently Amended) The display device according to claim 6¹, wherein the primary crystal grain boundaries are perpendicular to the second direction of current.
8. (Original) The display device according to claim 7, wherein a second number of the primary crystal grain boundaries exist in active channel regions of each of the second plurality of thin film transistors.
9. (Cancelled)
10. (Cancelled)
11. (Currently Amended) A display device with a polysilicon substrate comprising:
a driving region;
a plurality of thin film transistors in the driving region;~~and~~
primary crystal grain boundaries in the polysilicon substrate in the driving region; and
secondary crystal grain boundaries in the polysilicon substrate in the driving region;
wherein the primary crystal grain boundaries are inclined to a direction of current flowing from source to drain of each of the plurality of thin film transistors at an angle of 30° to 150° and
the secondary crystal grain boundaries are substantially perpendicular to the current flowing from the source to the drain.